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FLORIDA AGRICULTURAL EXPERIMENT STATION

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CLASSIFICATION SCHEME

FOURTH EDITION

1958

DEVELOPED AND REVISED BY:

IDA KEELING CRESAP

LIBRARIAN

PREFACE

The classification of the literature relating to the agricultural sciences is of major importance in an agricultural library. None of the well-known and available Schemes is arranged so that it may be used effectively. Years ago I made a study of all of them and, finally, after spending some time in Washington, D. C., with the late Miss Claribel R. Barnett, then Librarian of the U. S. Department of Agriculture Library, with her assistance and cooperation I rearranged the Scheme used in that library to fit the needs of this one. Ever since, that Scheme has been used here. This Scheme has been revised three times, the third one being made in 1948.

After months of work the fourth edition has been completed. I realize that it is far from perfect. Collections grow and new lines of research develop that were never thought of even fifteen or twenty years ago. Regardless of how flexible a Scheme is, very often it is necessary to add or to expand a class in a way that is displeasing to the classifier. Even so, it is the only solution to arranging library holdings on the shelves so that they may be found with a minimum amount of effort on the part of both library staff and library patron.

For the past two years a committee appointed by the International Association of Agricultural Librarians and Documentalists has been working on a revision of the trilingual Classification Scheme of Agricultural Sciences which was published by the former International Institute of Agriculture, Rome, in 1942. It is hoped that this Scheme will be completed and published within another year. But if it is, it will largely reflect the European methods of classification and will probably require many changes and modifications before it could apply to such a library as this one.

As I stated before, I am indebted to Miss Barnett for her enthusiasm and assistance in getting me started on the first adaptation of that library's Classification Scheme. This fourth edition has been extended and incorporates all the additions and changes made since 1948.

Ida Keeling Cresap
Librarian

June 1, 1958

OUTLINE

REFERENCE WORKS R1 - R25

AGRICULTURE[1] 30 - 79

- General works
- Animal husbandry
- Soils
- Fertilizers
- Agricultural engineering
- Agronomy

HORTICULTURE AND PLANT CULTURE 80 - 98

- Horticulture
- Vegetables
- Pomology
- Small fruits and nuts
- Floriculture
- Gardens and ornamental planting
- Landscape art, etc.

FORESTS AND FORESTRY 99

AGRICULTURAL EXPERIMENT STATION, AGRICULTURAL EXTENSION SERVICE, AGRICULTURAL COLLEGE & STATE DEPARTMENT OF AGRICULTURE PUBLICATIONS 100 - 102

FEDERAL AND FOREIGN DOCUMENTS 103 - 109

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1. Books and periodicals, geographically arranged

GENERAL LITERATURE 110 - 145

LIBRARIES AND LIBRARY ECONOMY 243

ECONOMIC SCIENCES 249 - 286
Industrial and office management
Law
Education
Economics
Agricultural economics

TECHNOLOGY 287 - 316
Transportation
Engineering
Manufactures

HOME ECONOMICS 321 - 324

OTHER SCIENCES 330 - 464
Sciences, general
Mathematics
Chemistry
Geology and mineralogy
Natural history
Zoology
Entomology
Microscopy
Biology, embryology
Evolution, genetics, heredity
Human anatomy, physiology, and histology
Medicine
Hygiene
Botany
Biological botany
Phytopathology

LEARNED SOCIETY PUBLICATIONS 472 - 475

REFERENCE WORKS
(Classes R1 - R25)

DICTIONARIES AND GRAMMARS. (Dictionaries on special subjects are classed with subject. e.g. Agriculture. 30.1)

R1	Dictionaries - English
.1	Grammars, rhetoric, composition
R2	Dictionaries - German
.1	Grammars, etc.
.5	Dictionaries - Dutch
.51	Grammars, etc.
R3	Dictionaries - Scandinavian
.1	Grammars, etc.
R4	Dictionaries - French
.1	Grammars, etc.
R5	Dictionaries - Spanish
.1	Grammars, etc.
.5	Dictionaries - Portuguese
.51	Grammars, etc.
R6	Dictionaries - Italian
.1	Grammars, etc.
R7	Dictionaries - Latin
.1	Grammars, etc.
.5	Dictionaries - Greek
.51	Grammars, etc.
R8	Dictionaries - Slavonic (includes Russian, Serbian, Bulgarian, Polish, Bohemian, Moravian, Croatian, Slovakian, Czechoslovakian)
.1	Grammars, etc.
R9	Dictionaries - Polygot and other languages or several languages.
.1	Grammars, etc.

R10	Dictionaries of slang, Americanisms, fictitious names, pseudonyms, abbreviations, antonyms and synonyms.
.5	Quotations
R11	Encyclopedias, General (for special subject look under subject. e.g. Horticulture. 80.01)
R12	Almanacs and yearbooks. General works (See above)
R13	Directories (all directories here, not with subject)
R14	Weights, measures, money
.5	Chronology (calendars)
.58	Periodicals
.59	Societies, etc.
R15	Atlases
.5	Gazetteers
R16	Maps, United States
R17	Maps, Foreign
R18	Miscellaneous reference books
R19	
R20	Printing, publishing, style manuals, illustrating, proofreading, lettering, journalism, editing of research papers, typewriting, shorthand, etc.
.2	Advertising & publicity, communications, radio writing and speaking
R21	Indexes

R22	Bibliographies. (For special subjects use R22, plus class number. For numbers under 100 use class number without subdivision. e.g. R22.30, Bibliography of agriculture; R22.330, Bibliography of science; R22.22, Bibliography of bibliographies)
R23	Book catalogs and bibliographies of book catalogs
.1	Bibliography of state and federal documents
.5	Catalogs of books in special libraries or collections
.58	Periodicals (AESL Booklotter, etc.)
.59	Societies, etc.
.8	Serials, catalogs and bibliographies. (e.g. Serial titles newly received)
.9	Societies, etc.
R24	
R25	Statistics and census. General works
.1	Agriculture
.2	Population
.3	Other special
.4	Europe
.5	Asia
.6	Africa
.7	North America
.71	Canada
.72	United States
.73	Mexico, etc.
.8	South America
.9	Oceania and other

<u>ABSTRACTS ARE GIVEN REGULAR CLASS NUMBER PRECEEDED BY R.</u>

AGRICULTURE
(Classes 30-79)

30	Agriculture in general. Comprehensive and general works
.01	Agriculture, foreign. (Tropical see: 38)
.1	Dictionaries, encyclopedias & geographies
.3	Handbooks, almanacs and calendars
.4	Essays, addresses, etc.
.5	Legislation
.6	Bookkeeping, farm accounts
.7	History of agriculture
.78	Periodicals
.79	Societies, etc.
.8	Periodicals
.9	Societies, etc.

AGRICULTURE: PERIODICALS ARRANGED GEOGRAPHICALLY
(Classes 31 - 39)

31	North America - Agriculture
.08	Periodicals
.09	Societies, etc.
.1	United States - Agriculture
.18	Periodicals
.19	Societies, etc.
.2	Canada - Agriculture
.28	Periodicals
.29	Societies, etc.
.3	Mexico - Agriculture
.38	Periodicals
.39	Societies, etc.
.4	Central America - Agriculture
.408	Periodicals
.409	Societies, etc.
.41	British Honduras - Agriculture
.418	Periodicals
.419	Societies, etc.

31.42	Costa Rica - Agriculture
.428	Periodicals
.429	Societies, etc.
.43	Guatemala - Agriculture
.438	Periodicals
.439	Societies, etc.
.44	Honduras - Agriculture
.448	Periodicals
.449	Societies, etc.
.45	Nicaragua - Agriculture
.458	Periodicals
.459	Societies, etc.
.46	Panama - Agriculture
.468	Periodicals
.469	Societies, etc.
.47	El Salvador - Agriculture
.478	Periodicals
.479	Societies, etc.
.5	West Indies - Agriculture
.508	Periodicals
.519	Societies, etc.
.51	Cuba - Agriculture
.518	Periodicals
.519	Societies, etc.
.52	Haiti, Santo Domingo - Agriculture
.528	Periodicals
.529	Societies, etc.
.53	Jamaica - Agriculture
.538	Periodicals
.539	Societies, etc.
.54	Puerto Rico - Agriculture
.548	Periodicals
.549	Societies, etc.
.55	Lesser Antilles - Agriculture
.558	Periodicals
.559	Societies, etc.

31.56 Trinidad - Agriculture
.568 Periodicals
.569 Societies, etc.

.57
.578
.579

.58 Bahamas - Agriculture
.588 Periodicals
.589 Societies, etc.

.6

.8 Pan American and Inter-American agricultural publications
.88 Periodicals
.89 Societies, etc.

32 South America - Agriculture
.08 Periodicals
.09 Societies, etc.

.1 Argentina - Agriculture
.18 Periodicals
.19 Societies, etc.

.2 Bolivia - Agriculture
.28 Periodicals
.29 Societies, etc.

.3 Brazil - Agriculture
.38 Periodicals
.39 Societies, etc.

.4 Chile - Agriculture
.48 Periodicals
.49 Societies, etc.

.51 Colombia - Agriculture
.518 Periodicals
.519 Societies, etc.

32.52	Ecuador - Agriculture
.528	Periodicals
.529	Societies, etc.
.6	Guiana (British and French) and Surinam
.68	Periodicals
.69	Societies, etc.
.71	Paraguay - Agriculture
.718	Periodicals
.719	Societies, etc.
.72	Uruguay - Agriculture
.728	Periodicals
.729	Societies, etc.
.8	Peru - Agriculture
.88	Periodicals
.89	Societies, etc.
.9	Venezuela - Agriculture
.98	Periodicals
.99	Societies, etc.
33	Europe - Agriculture
.08	Periodicals
.09	Societies, etc.
.1	Great Britain - Agriculture
.18	Periodicals
.19	Societies, etc.
.2	Scandinavia - Agriculture
.28	Periodicals
.29	Societies, etc.
.32	Austria - Agriculture
.328	Periodicals
.329	Societies, etc.
.33	Hungary - Agriculture
.338	Periodicals
.339	Societies, etc.

33.34	Czechoslovakia - Agriculture
.348	Periodicals
.349	Societies, etc.
.35	Poland - Agriculture
.358	Periodicals
.359	Societies, etc.
.36	Germany - Agriculture
.368	Periodicals
.369	Societies, etc.
.4	France - Agriculture
.48	Periodicals
.49	Societies, etc.
.5	Italy, Sicily - Agriculture
.58	Periodicals
.59	Societies, etc.
.61	Portugal - Agriculture
.618	Periodicals
.619	Societies, etc.
.62	Spain - Agriculture
.628	Periodicals
.629	Societies, etc.
.7	Greece, Yugoslavia, Romania, Albania, European Turkey, Bulgaria, Serbia - Agriculture
.78	Periodicals
.79	Societies, etc.
.8	U.S.S.R., Finland, and Baltic states - Agriculture
.88	Periodicals
.89	Societies, etc.
.91	Iceland - Agriculture
.918	Periodicals
.919	Societies, etc.
.92	Netherlands - Agriculture
.928	Periodicals
.929	Societies, etc.
.93	Belgium - Agriculture
.938	Periodicals
.939	Societies

33.94	Switzerland - Agriculture
.948	Periodicals
.949	Societies, etc.

34	Asia - Agriculture
.08	Periodicals
.09	Societies, etc.
.1	China, Korea - Agriculture
.18	Periodicals
.19	Societies, etc.
.21	Ceylon - Agriculture
.218	Periodicals
.219	Societies, etc.
.27	India - Agriculture
.28	Periodicals
.29	Societies, etc.
.3	Japan - Agriculture
.38	Periodicals
.39	Societies, etc.
.4	Arabia - Agriculture
.48	Periodicals
.49	Societies, etc.
.5	Iran (Persia) - Agriculture
.58	Periodicals
.59	Societies, etc.
.6	Turkey in Asia - Agriculture
.68	Periodicals
.69	Societies, etc.
.7	
.78	
.79	
.8	
.88	
.89	
.9	Malaya, Thailand (Siam) Burma - Agriculture
.98	Periodicals
.99	Societies, etc.

35 Africa - Agriculture
.08 Periodicals
.09 Societies, etc.

.1

.2 North Africa: Tunis, Libya, Spanish West Africa, Egypt, Anglo-Egyptian Sudan, Abyssinia, Ethiopia, Eritrea, Morocco, Algeria - Agriculture
.28 Periodicals
.29 Societies, etc.

.3

.4 North Central Africa: French Sudan, Sierra Leone, Liberia, Nigeria, Gold Coast, Dahomey, Togo, French West Africa, Gambia - Agriculture
.48 Periodicals
.49 Societies, etc.

.5 South Central Africa: Lower Guinea, Cameroun, Angola, Somaliland, Zanzibar, Tanganyika, Mozambique, Kenya, Uganda - Agriculture
.58 Periodicals
.59 Societies, etc.

.6 South Africa: Union of South Africa, Bechuanaland, Southwest Africa, Federation of Rhodesia and Nyasaland, Basutoland, Swaziland - Agriculture
.68 Periodicals
.69 Societies, etc.

.7 Islands of Indian Ocean: Madagascar, Réunion (isl), Mauritius - Agriculture
.78 Periodicals
.79 Societies, etc.

36 Australia - Agriculture
.08 Periodicals
.09 Societies, etc.

37 Oceania: Hawaii, Philippine Islands, Indonesia, Borneo, New Zealand, Fiji Islands, etc. - Agriculture
.08 Periodicals
.09 Societies, etc.

38 Tropical agriculture. General works
.8 Periodicals
.9 Societies, etc.

39 International agricultural organizations (e.g. Food and Agricultural Organization)
.8 Periodicals
.9 Societies, etc.

ANIMAL HUSBANDRY
(Classes 40 - 50)

40 Livestock, domestic animals. General works. (Markets and marketing in 280.340)

.01 Judging (all livestock, poultry, swine, etc.)

.06 Exhibitions, prize or premium lists

.3 Breeds, breeding. (Livestock in general)
.38 Periodicals
.39 Societies, etc.

.4 Nutrition of farm animals
.48 Periodicals
.49 Societies, etc.

.5

41 Veterinary medicine. General works

.01

.02 Anatomy and physiology (includes metabolism of farm animals)

.1 Animal pathology
.12 Diseases due to parasites
.13 Deficiency diseases

.2 Surgery

.3 Drugs

41.8 Periodicals
.9 Societies, etc.

42 Horses, camels, etc. General works

.06 Exhibitions, prize or premium lists

.1 Diseases

.8 Periodicals
.9 Societies, etc. and studbooks

43 Cattle. General works (Markets and marketing in 280.343)

.06 Exhibitions, prize or premium lists

.1 Diseases

.4 History

.8 Periodicals
.9 Societies, etc.

44 Dairying, milking, sterilization of milk vessels, imitation of butter. General works (Dairy bacteriology in 448.2; markets and marketing in 280.344)

.002 Ice cream

.01 Dictionaries, encyclopedia

.4 History of dairying

.8 Periodicals
.9 Societies, etc.

45 Sheep and wool. General works (Markets and marketing in 280.345)

.1 Diseases

.2

.58 Periodicals
.59 Societies, etc. and flock books

45.6 Goats. General works (Markets and marketing in 280.3456)

.68 Periodicals
.69 Societies, etc. and studbooks

46 Swine. General works (Markets and marketing in 280.346)

.1 Diseases

.2

.8 Periodicals
.9 Societies, etc. and herdbooks

47 Poultry. General works (Markets and marketing in 280.347)

.01 Breeding & breeds
.02 Eggs
.03 Hatcheries and hatching
.04 Brooding & brooders
.05 Houses and equipment. (Cages and batteries)
.06 Feeds and feeding
.07 Exhibitions, prize and premium lists

.1 Diseases and pests
.2 Pigeons
.3 Turkey & guinea fowl
.4 Ducks & geese. (Wild ducks and geese in 413)
.5
.6 Game birds. (Quail, pheasants, etc., domesticated only; wild in 413)
.7
.8 Periodicals
.9 Societies, etc.

48 Small animals, dogs, cats, rabbits, pets, etc. (includes laboratory animals). General works

.06 Exhibitions, prize and premium lists

.1 Diseases

.8 Periodicals
.9 Societies, etc. (Humane, etc., and studbooks)

49 Animal husbandry (Miscellaneous). General works

.3 Encyclopedias and dictionaries

.7 Domestic animals, studbooks
.8 Periodicals
.9 Societies, etc.

50 Meat Industry, trade, meat specialties, inspection, technology & supply. Abattoirs. General works (Markets and marketing in 280.350)

.8 Periodicals
.9 Societies, etc.

51 Fish and fish products

THE SOIL
(Classes 53 - 56)

53 Tillage (includes dry farming). General works

.8 Periodicals
.9 Societies, etc.

54 Drainage (includes general works on irrigation and drainage. Reclamation of land). General works

.8 Periodicals
.9 Societies, etc.

55 Irrigation. General works

.8 Periodicals
.9 Societies, etc.

56 Soils. General works, history, etc.

.001 Micropedology. (Soil science)
.01 Analysis (includes diagnostic techniques)
.05 Legislation

56.1	Classification & origin of soils
.12	Soil building
.2	Geographical distribution
.22	North America (includes Mexico)
.23	Central and South America and adjacent islands
.3	Ecology
.33	
.34	
.4	Chemistry and physics
.5	Biology (including microbiology, bacteria, disinfection, sterilization)
.6	Fertility and fertilizer requirements
.7	Management & conservation, (includes erosion and moisture requirements)
.8	Periodicals. (all soils material)
.9	Societies, etc.

FERTILIZERS AND SOIL AMENDMENTS
(Class 57)

57	Fertilizers. General works, history, etc. (includes soilless culture)
.1	Soil amendments
.11	
.12	Gypsum (includes land plaster)
.13	Lime
.14	Soil conditioners (peat)
.15	Sulphur
.2	Commercial fertilizers and mineral fertilizers (analysis and manufacture)
.22	Potash
.23	Nitrogen
.24	Phosphoric acid and phosphates
.25	Guano and animal residues, (blood, bone, bone meal, tankage, etc.)
.26	Vermiculite

57.3 Animal manure, sewage and street sweeping

.4 Artificial manure, compost, humus

.5 Green manure and cover crops
.52 Legume bacteria, soil inoculation (includes bacteria as fertilizer)

.6
.7
.8 Periodicals
.9 Societies, etc.

AGRICULTURAL ENGINEERING, MACHINERY, PROCESSES, ETC.
(Class 58)

58 Agricultural implements, machinery, and processes. General works (machine tools in 291)

.5 Catalogs

.8 Periodicals
.9 Societies, etc.

AGRONOMY
(Classes 59 - 79)

59 Agronomy. General works. (Markets and marketing in 280.359)

.2 Cereals.

.21 Barley
.22 Maize
.23 Oats
.24 Rice
.25 Rye
.26 Wheat
.27 Other grains (grain sorghum, etc.)

.8 Periodicals (All crops)
.9 Societies, etc.

60 Forage crops. General works (Markets and marketing in 290.360)

.1 Grasses, pastures, ranges, prairies, meadows, grassland farming. (Lawns, turfs, golf greens in 97.6)

.18 Periodicals. (Periodicals for golf greens, turf, etc. here)
.19 Societies, etc.

.3 Leguminous plants (soybeans, etc.)

.38 Periodicals
.39 Societies, etc.

.4 Root crops

.5 Other plants

.7 Silos and silage

.8 Periodicals
.9 Societies, etc.

61 Seeds. General works

.1
.2
.3 Seed, nursery and florists' catalogs.
.4
.5
.6 Laws

.8 Periodicals
.9 Societies, etc.

62 Field crops. General works

.02 Root development

63

64 Crop improvement and improvement of agricultural plants. Agricultural botany, crop ecology. General works

.8 Periodicals
.9 Societies, etc.

65 Sugar cane and cane sugar. General works (includes manufacture and refining)

.8 Periodicals
.9 Societies, etc.

66 Sugar beet. General works

.8 Periodicals
.9 Societies, etc.

67 Sorghum and miscellaneous sugar plants. General works (grain sorghum in 59.27)

.8 Periodicals
.9 Societies, etc.

68 Beverage and condiment plants. General works

.1 Tea. General works

.18 Periodicals
.19 Societies, etc.

.2 Coffee. General works. (markets and marketing in 280.3682)

.22 Dictionaries, handbooks

.26 Harvesting, storing
.27 History

.28 Periodicals
.29 Societies, etc.

.3 Cocoa, cacao. General works

.38 Periodicals
.39 Societies, etc.

.4 Other beverage plants. General works

.5

68.6 Spices and condiments. General works

.7 Flavoring (manufacture of flavoring extracts in 308). General works

.8 Periodicals (covering all beverage condiments)
.9 Societies, etc.

69 Tobacco. General works (Markets and marketing in 280.369)

.8 Periodicals
.9 Societies, etc.

70 Hops. General works

.8 Periodicals
.9 Societies, etc.

71 Drug and medicinal plants. General works

.8 Periodicals
.9 Societies, etc.

72 Cotton. General works (Markets and marketing in 280.372)

.1 Seed

.8 Periodicals
.9 Societies, etc.

73 Fiber and textile plants. General works

.1 Flax

.2 Hemp (Sisal, Manila, etc.)

.3 Jute

.4 Ramie

.5 Other

74

75

76 Peanuts. General works

.8 Periodicals
.9 Societies, etc.

77 Miscellaneous technical plants (tung, coconut, etc.) General works

.8 Periodicals
.9 Societies, etc.

78 Rubber and rubber producing plants. General works (Rubber manufacture in 305; markets and marketing in 280.378)

.8 Periodicals
.9 Societies, etc.

79 Farm pests and weeds. General works (Insect pests in 423)

.8 Periodicals
.9 Societies, etc.

HORTICULTURE AND PLANT CULTURE
(Classes 80 - 98)

HORTICULTURE
(Class 80)

80 Horticulture. General works

.01 Dictionaries and encyclopedias

.05 Color charts, manuals, handbooks, etc.

.07

.08 Exhibitions, prize and premium lists, rules for judging.

.09

80.1 Principles and methods of gardening

.11 Plant propagation, nursery practice (includes grafting, artificial means of promoting plant growth. e.g. Soil warming by electricity, etc.)

.12 Pruning, training, etc.

.15 Greenhouse construction, heating, management, etc. (includes cloche gardening)

.16 Hydroponics

.2 Commercial horticulture

.21 Nurseries

.3 Amateur gardening
.31
.32 Garden clubs
.8 Periodicals
.9 Societies, etc.

VEGETABLES
(Class 91)

91 Vegetables. General works

.1 Vegetable products

.13 Market gardening (growing agricultural produce for distant markets)

.14 Truck gardening (growing of produce for local markets)

.15 Home vegetable gardening

.17 Tropical & subtropical vegetable gardening

.2

91.3 Roots and tubers, Edible

.36 Sweet potatoes, yams, Irish potatoes, etc.

.4 Stems and leaves, Edible

.41 Asparagus
.42 Cabbage, cauliflower, etc.
.43 Celery
.44 Onion, garlic, shallot
.45 Lettuce, etc.
.46 Spinach, chard, collards, etc.
.47
.48 Miscellaneous

.5 Fruits and seeds, edible
.51 Curcurbits (gourds, squash, pumpkin, melon, chayote, cucumber, etc.)

.56 Legumes (beans, peas, etc.)

.58 Tomato

.59 Other: Pepper, eggplant, etc.

.6 Miscellaneous vegetables. (Corn, artichoke, etc.)

.7 Mushrooms (growing edible mushrooms)

.8 Periodicals
.9 Societies, etc.

POMOLOGY
(Classes 92 - 93)

92 Citrus. General works, history, etc.

.03 Oranges

.05 Grapefruit, lemon, lime, etc.

.08 Citrus products and by-products

.1 Citrus diseases, pests, insects (includes fumigation, spraying, malnutrition)

92.3 Pruning, irrigation, grove practices (includes fertilizing)

.5 Citrus marketing (includes harvesting, preparation and storage)

.8 Periodicals
.9 Societies, etc.

93 Other fruits. General works (Markets and marketing in 280.393)

.01

.02 Dwarf fruit trees

.05 Fruit products and by-products

.1 Systematic pomology

.2 Geographical distribution (for expansion see U.S.D.A. classification scheme, 5th ed., p.33)

.3 Fruits of temperate climates

.31 Apple
.32 Cherry

.35 Peach
.36 Pear
.37 Plum and prune

.38

.39 Other miscellaneous fruits

.4 Tropical fruits
.41 Avocado
.42 Banana
.43 Date
.44 Fig
.45 Mango
.46 Pineapple
.47
.48
.49 Miscellaneous tropical fruits

93.5

.6

.7

.8 Periodicals
.9 Societies, etc.

SMALL FRUITS AND NUTS
(Classes 94 - 95)

94 Small fruits and their culture. General works

.1

.2
.21 Strawberry

.25 Raspberry, blackberry, dewberry, loganberry, etc.

.3
.31 Currant, gooseberry

.35 Blueberry, cranberry, etc.

.4 Other small fruits (includes olives)

.48 Periodicals
.49 Societies, etc.

.6 Nuts and nut culture. General works
.61
.62
.63
.64 Pecan
.65
.66

.68 Periodicals
.69 Societies, etc.

95 Grapes and viticulture. General works

.1

.2 Viticulture - United States

.3 Viticulture - Other countries

.5

.6 Grapes for special uses other than table

.62 Raisin

.63 Wines

.8 Periodicals
.9 Societies, etc.

<u>FLORICULTURE</u>: Flowers and ornamental plants and their culture
(Class 96)

96 Floriculture. General works

.02 Dictionaries or manuals, encyclopedia, of ornamental plants

.025 Pictorial works

.03 Floral decoration, flower arrangement, corsages
.04 Commercial floriculture, florist trade
.05 Greenhouse culture of ornamentals
.06 House plants, indoor flower gardening, dwarf potted trees, dish gardens
.07 Wild flowers

.1 Roses

.2 General works on tropical or sub-tropical flowers

.21 Orchids

.3 Succulents

.31 Cactus

96.4	Bulbs & tuberous rooted plants
.41	Gloxinia. Gesneriaceae
.42	Amaryllis
.43	Gladiolus
.44	Hyacinth
.45	Iris, Crocus
.46	Lily, Hemerocallis (Daylily)
.47	Narcissus
.48	Daffodil
.49	Tulip
.5	Other herbaceous flowers
.504	Anemone
.505	Antirrhinum
.507	Aster
.508	Auricula
.511	Begonia
.513	Bromelia family
.515	Campanula family
.516	Canna
.517	Carnation and pink
.519	Chrysanthemum
.521	Cineraria
.522	Cistus family
.524	Dahlia
.527	Delphinium, larkspur
.532	Fuchsia
.534	Geranium family
.544	Lantana
.561	Nepenthes
.566	Pelargonium
.567	Pentstemon
.568	Peony
.571	Phlox
.574	Poppy family
.575	Primula (Primrose)
.576	Ranunculus
.583	Saxifrage
.585	Stocks
.586	Sweet pea
.593	Verbena
.595	Violet, pansy, viola
.7	Miscellaneous plants & flowers
.8	Periodicals
.9	Societies, etc.

GARDENS AND ORNAMENTAL PLANTING
(Class 97)

97 Gardens. General works

.05 Town gardening: Back yards, roofs, terraces, balconies, window boxes, etc.

.1 Ecological aspects

.12

.14 Alpine plants and rock gardens

.16 Aquatic plants and water gardens

.2

.21 Herbs and fragrant plants (Lavender, etc.)

.3 Woody Ornamentals

.31 Flowering shrubs and trees

.32 Evergreens

.37 Border plants

.4 Miscellaneous ornamental plants

.41 Annuals & biennials

.42 Perennials and hardy plants

.43 Climbing plants, vines

.45 Foliage plants

.46 Ferns as ornamental planting (see also 461.2)

.47 Tropical or sub-tropical gardens and ornamentals (including palms & bamboos)

.5 Garden accessories: furniture, dials, pools, etc.

97.6 Lawns, golf greens, and turfs. (Periodicals in 60.18, 60.19)

.7 Street trees, hedges, windbreaks, shade trees.

.8 Periodicals
.9 Societies, etc.

LANDSCAPE ART, PARKS & RECREATION AREAS
(Class 98)

98 Landscape art and parks. General works

.5 City, town, and country planning

.6 National parks

.8 Periodicals
.9 Societies, etc.

FORESTS AND FORESTRY
(Class 99)

99 Forests and forestry. General works (includes farm forestry)

.001 Trees

.01 Diseases & insect pests

.02 Dictionaries and terminology

.03 Manuals & handbooks

.04 Forest history

.05 National forests

.06 Forest education, forestry as an occupation

99.1	Forest description
.11	North America
.12	United States
.13	Northeastern States
.14	Lake States
.15	Central States
.16	Southern States
.17	Rocky Mountain States
.18	Pacific States (includes North West)
.19	Alaska & insular possessions
.21	Canada
.22	Mexico & West Indies
.23	Central America
.24	South America
.25	Europe
.26	Asia
.27	Africa
.28	Australia & East Indies
.29	Philippine Islands
.3	Forest botany as a whole
.31	Woods: Classification & structure
.34	Forest research and experimentation
.35	Silvas
.36	Forest ecology
.37	Reforestation, tree seeds, seeding and planting
.4	Forest mensuration
.45	Silviculture
.472	Forest genetics; tree breeding
.5	Forest protection and conservation
.51	Fire
.55	Forest management
.57	Forest valuation, finance
.58	Forest legislation

99.7	Economics
.75	Forest utilization
.76	Lumber industry
.8	Periodicals
.81	Lumber periodicals
.82	Wood industries. Naval stores. Periodicals
.83	Forestry yearbooks & calendars
.9	Societies, etc.

AGRICULTURAL EXPERIMENT STATION, AGRICULTURAL EXTENSION SERVICE, AGRICULTURAL COLLEGE & STATE DEPARTMENT OF AGRICULTURE PUBLICATIONS
(Classes 100 - 102)

100	Agricultural Experiment Station publications. (Except those which are definitely periodicals. These latter in 31.18)
101	Extension Service publications. (Except those which are definitely periodicals. These latter in 31.18)
102	State Department of Agriculture publications

FEDERAL AND FOREIGN DOCUMENTS
(Classes 103 - 109)

GENERAL LITERATURE
(Classes 110 - 145)

110 General & miscellaneous books

116 Books on Indians. General works

117 Politics and government. General works

119 Biography (several or collective)

120 Biography, individual. (Book no. from biographee, work mark from author)

121 Fairs and exhibitions

.1 Agriculture

.2 Other

TRAVEL, DESCRIPTION OF COUNTRIES, RESOURCES AND INDUSTRIES
(Classes 125 - 129)

125 America

.1 Canada and Arctic regions

.2 United States

.21 Northeastern states

.22 Southeastern states

.221
.222
.223
.224

125.225		Virginia
.226		North Carolina
.227		South Carolina
.228		Georgia
.229		Florida
.23	South Central or Gulf States	
.231		Alabama
.232		Mississippi
.233		Louisiana
.234		
.235		
.236		
.237	Northwest	
.238		
.239		
.24	Northcentral states	
.25		Western
.26		Pacific
.3	Mexico	
.4	Central America	
.41		Guatemala
.42		Honduras
.43		Nicaragua
.44		Costa Rica
.45		British Honduras
.46		El Salvador
.47		
.48		
.49		Panama
.5	Caribbean	
.55		

125.6 South America

.61 Argentina
.62 Bolivia
.63 Brazil
.64 Chile
.65 Colombia and Ecuador
.66 Guiana (British and French) and Surinam
.67 Paraguay and Uraguay
.68 Peru
.69 Venezuela

.7

.8 Periodicals
.9 Societies, etc.

126 Europe

.1 Great Britain
.2 Scandinavian Countries
.3 Germany
.4 France
.41 Belgium
.42 Netherlands
.43 Switzerland
.5 Italy
.6 Spain
.61 Portugal
.7 Greece and Balkan States
.8 Russia
.9 Other

127 Asia

.1 China

.2 Japan and Islands in Pacific off Asia

.3 India, Thailand and Burma

.4 Arabia, Iran (Persia), Turkey, Iraq

.5 Siberia

128 Africa (North, Central, South)

129 Around the world and miscellaneous

HISTORY
(Classes 130 - 135)

130	History, General
131	Europe
132	Africa
133	Asia
134	America
.1	North America
.15	North American Indian
.2	Canada and Arctic region
.3	Mexico
.4	Central America
.41	Guatemala
.42	Honduras
.43	Nicaragua
.44	Costa Rica
.45	British Honduras
.46	El Salvador
.47	
.48	
.49	Panama
.5	Caribbean Area
.6	South America
.61	Argentina
.62	Bolivia
.63	Brazil
.64	Chile
.65	Colombia and Ecuador
.66	Guiana (British and French) and Surinam
.67	Paraguay and Uruguay
.68	Peru
.69	Venezuela
.8	Periodicals
.9	Societies, etc.

135	United States
.1	Northeastern States
.11	
.12	
.13	
.14	
.15	
.16	
.17	
.18	
.19	
.2	Southeastern States
.21	
.22	
.23	
.24	
.25	Virginia
.26	North Carolina
.27	South Carolina
.28	Georgia
.29	Florida
.298	Periodicals
.299	Societies, etc.
.3	South Central or Gulf States
.31	Alabama
.32	Mississippi
.33	Louisiana
.34	
.35	
.36	
.37	
.38	
.39	
.4	North Central States
.5	Western States
.6	Pacific States

MISCELLANEOUS LITERATURE
(Classes 140 - 145)

140		Psychology, logic
141		Philosophy
142		Religion
145		Other miscellaneous literature
.1		
.2		
.3		Fiction
.4		Poetry
.5		Essay
.6		Drama
.7		Juvenile literature

(Classes 200 - 243 To be assigned)

LIBRARIES AND LIBRARY ECONOMY
(Class 243)

243	Libraries and library economy. General works
.01	History - founding, charters, laws, support
.02	Kinds, scope, usefulness
.03	Library education and library schools
.04	Library societies and associations
.05	
.06	
.07	
.08	
.09	
.1	Administration. General works
.11	Finances
.12	Administrator's treatment or supervision of special materials. (manual, handbook)
.13	Library service: Organization, patrons, rules for use of library, helps in using library
.14	
.15	Staff: Personnel, duties, pay, manual
.16	
.17	Building: Fixtures, furniture, care, architecture
.2	Technical processes. General works
.21	Acquisitions: Order & accession, selecting, buying, checking bills, order slips, gifts & exchange, sale duplicate, price of books, discounts, auctions, old book prices, old book lists, budget
.22	
.23	Cataloging & classification (includes subject headings)
.24	The catalog: Filing, guides, cases, drawers, union catalog, etc. Catalogs
.25	
.26	Mechanical preparation of books: Embossing, marking rare books, marking books & otherwise preparing for shelves (pockets, plates, shellacking)

243.27	Book binding, repair, preservation, restoration, collation
.28	
.29	
.3	Reference. General works
.31	Reading aid to readers
.35	Circulation: Charging system, notices (over due, etc.) loans, inter-library loans, hours, fines
.36	Shelf department, inventory, etc., shelf numbers, shelf & book labels, shelving, arrangement
.37	Bibliographies and indexing
.38	
.39	
.4	Types of libraries
.41	Public
.42	School
.43	College and University
.44	Special
.441	Agriculture
.442	Engineering
.443	Medical
.444	Law
.445	Other special
.5	Books and printing, History of
.6	
.7	Library reports (statistics) and bulletins
.8	Periodicals
.9	Societies, etc.

ECONOMIC SCIENCES
(Classes 249 - 286)

INDUSTRIAL AND OFFICE MANAGEMENT
(Class 249)

249 Industrial management. General works

.08 Periodicals
.09 Societies, etc.

.2 Office management and organization (includes management in government offices. Executive manager)

.28 Periodicals
.29 Societies, etc.

.3 Personnel, employment management

.38 Periodicals
.39 Societies, etc.

.4 Plant management
.5 Shop management
.6 Buying, receiving, storing, etc.
.7 Selling, salesmanship and sales administration

.8 Periodicals
.9 Societies, etc.

LAWS
(Class 274)

274 Law. General works

.1 United States laws

.17 Florida laws

.8 Periodicals
.9 Societies, etc.

EDUCATION
(Class 275)

275 Education. General works

.1 Agricultural education

.2 Agricultural extension. (Includes 4-H Club work)

.25 Home demonstration

.4 Vocational education

.41 Future farmers

.8 Periodicals
.9 Societies, etc.

ECONOMICS
(Classes 277 - 280)

277	Economics. General works (includes population)
278	Economic geography
.8	Periodicals
.9	Societies, etc.
279	Conservation of natural resources. (includes regional resources, post-war planning, etc.)
.1	Southern resources
.2	United States Civilian Conservation Corps
.8	Periodicals
.9	Societies, etc.
280	Economics. Includes sociology in general
.1	
.2	
.3	Markets and marketing. (methods of handling products from the producer to the consumer, including grades and grading, regulation and inspection, packing, storing, etc., subdivided by commodity as below.)
.32	Market surveys
.340	Livestock
.343	Cattle
.344	Dairy products
.345	Sheep & wool
.346	Swine
.347	Poultry
.350	Meat
.351	Fish, fishery products
.359	Grain
.360	Forage plants
.365	Sugar cane and cane sugar
.366	Sugar beet

280.368	Beverage & condiment plants
.3682	Coffee
.369	Tobacco
.370	Hops
.371	Drug & medicinal plants
.372	Cotton
.373	Fiber & textile plants
.377	Miscellaneous
.378	Rubber
.380	Horticultural products (fruits, vegetables, flowers)
.391	Vegetables
.392	Citrus fruits
.393	Fruits
.3946	Nuts
.395	Grapes

ECONOMICS, AGRICULTURAL
(Classes 281 - 286)

281	Agricultural economics. General works
.001	Research methods & procedure, experimentation
.01	Farm credit, money & prices, parity (includes foreign)
.02	Farm management (accounts, records, returns from farms)
.031	Cartels
.04	Food supply & resources. Domestic
.05	Food supply & resources. Foreign
.06	World food supply and resources
.068	Periodicals
.069	Societies, etc.
.1	Laws & acts, rules & regulations, agricultural labor policies

281.2 Rural sociology

.28 Periodicals
.29 Societies, etc.

.3 Economic aspects of produce and produce trade (use commodity subdivisions as in 280.3)

.4 Cooperation & cooperatives

.5 Land utilization & classification, history, public domain

.51 Farm and rural land appraisal

.8 Periodicals
.9 Societies, etc.

282 Land and rent, land tenure, landlord and tenant. General works

.002 Southern States

283 Labor and wages (social security as deduction, employment policies, migrant labor, trade unions, civil service). General works

.4 Housing for labor, slums, etc.

.8 Periodicals
.9 Societies, etc.

284 Finance, banks & banking. General works

.2 Agricultural & cooperative credit

.3 Prices (inflation, deflation, trusts, stocks & bonds, gold & silver, credit, exchange, money)

.4 Cost of living (family budgets also in 321)

.5 Taxation, Income Tax

.6 Insurance & social security as insurance

.8 Periodicals
.9 Societies, etc.

285 Tariff (protection) and free trade. General works

286 Commerce. General works

.1 Packaging & display

.2 Retail trade, chain stores

.3 Commodity trade, trading agreements. (use commodity subdivision as in 280.3)

.8 Periodicals
.81 Grain, hay, food crops
.82 Cotton
.83 Groceries, fruits, nuts, coffee, cocoa, vegetables, canning industry
.84 Fertilizers
.85 Livestock and animal products, tallow
.86 Sugar
.87 Rubber
.88 Fats and oils
.89 Tobacco
.9 Societies, etc.

TECHNOLOGY
(Classes 287 - 311)

287 Technology. General works

.1 Dictionaries

.8 Periodicals
.9 Societies, etc.

288 Roads (includes building materials, specifications, etc.)

.8 Periodicals
.9 Societies, etc.

289 Transportation

.2 Rail transportation

.28 Periodicals
.29 Societies, etc.

289.3 Water transportation

.4 Automotive transportation

.48 Periodicals
.49 Societies, etc.

.5 Air transportation

.8 Periodicals
.9 Societies, etc.

290 Civil Engineering (includes bridges, canals, flood engineering, hydraulics, tunnels, etc.). General works

.8 Periodicals
.9 Societies, etc.

291 Mechanical engineering (includes heating, pump, airconditioning, ventilation, insulation, plumbing & machine shop practices, machinery design, tools, household mechanics). General works

.3 Electrical engineering
.38 Periodicals
.39 Societies, etc.

.8 Periodicals
.9 Societies, etc.

292 Water Supply (water analysis in 389). General works

.8 Periodicals
.9 Societies, etc.

293 Sewerage. General works

.8 Periodicals
.9 Societies, etc.

294 Mining, metal working, mineral industries. General works

.8 Periodicals
.9 Societies, etc.

295 Refrigeration and cold storage. General works

.8 Periodicals
.9 Societies, etc.

296 Architecture. General works

.05 Building and engineering materials

.2 Housing

.6 Fire prevention and extinction (includes fireproof construction)

.8 Periodicals
.9 Societies, etc.

297 Manufactures. General works

.8 Periodicals
.9 Societies, etc.

298 Milling. General works

.8 Periodicals
.9 Societies, etc.

299 Clay and rock products, glass manufacturing and blowing (includes cement, concrete, asphalt and bricks). General works

.8 Periodicals
.9 Societies, etc.

300 Wood preservation, seasoning and drying. General works

.8 Periodicals
.9 Societies, etc.

301 Wood distillation and wood waste utilization

302 Paper and paper products. General works

.8 Periodicals
.9 Societies, etc.

303 Leather industries and tanning (includes tanning materials). General works

.8 Periodicals
.9 Societies, etc.

304 Textiles, silk manufacture, artificial silk manufacture (includes rope, cordage, etc.). General works

.8 Periodicals
.9 Societies, etc.

305 Rubber and rubber goods. General works

.8 Periodicals
.9 Societies, etc.

306 Paints, dye, bleaches, varnish, stains (paint), ink, lac, pigments, etc. General works

.8 Periodicals
.9 Societies, etc.

307 Fats and oils, soap, lubricants, waxes, candles, tung oil. General works

.8 Periodicals
.9 Societies, etc.

308 Essential oils, perfumery & flavoring extracts. General works

.8 Periodicals
.9 Societies, etc.

309 Miscellaneous manufactures, chemical industries, etc. (includes plastics, gums, resin, glycerin, glue, paste, detergent, basketry). General works

.8 Periodicals
.9 Societies, etc.

310

311 Patents, copyrights, inventions, trade marks and patent law. General works

HOME ECONOMICS
(Classes 321 - 324)

321 Home economics. (Includes homemaking, family living, manners, customs, etc.). General works

.001 Homes & shelter. Building and construction (includes household repairs). General works

.01 House furnishing, decorating and cleaning (includes household equipment, furniture)

.02 Clothing and sewing

.028 Periodicals
.029 Societies, etc.

.03 Child training & infant care (includes infant feeding, nutrition, etc.)

.038 Periodicals
.039 Societies, etc.

.04 Foods (includes microbiology, chemical composition, analysis, nutrition, vitamins)

.043 Food-borne infections and intoxications

.048 Periodicals
.049 Societies, etc.

321.05	Cooking & preparation of foods (includes canning and preservation of foods)
.051	Food service and equipment
.058	Periodicals
.059	Societies, etc.
.06	Cook books
.07	Frozen and dehydrated foods
.078	Periodicals
.079	Societies, etc.
.4	Food and drug adulteration, inspection and legislation
.48	Periodicals
.49	Societies, etc.
.8	Periodicals
.9	Societies, etc.
322	Laundry and dry cleaning. General works
.8	Periodicals
.9	Societies, etc.
323	
324	

OTHER SCIENCES
(Classes 330 - 464)

330 Science. General works

.1 Dictionaries, encyclopedias

.7 History

.8 Periodicals
.9 Societies, etc.

331 Geography, physical. General works (economic geography in 278)

.1 Dictionaries

.8 Periodicals
.9 Societies, etc.

332 Photography. General works

.2 Microphotography, radiography, etc.

.8 Periodicals
.9 Societies, etc.

333 Aeronautics. General works

.8 Periodicals
.9 Societies, etc.

334 Physics. General works

.2 Color

.4 Sound, heat

.5 Metrology (weights & measures)

.6 Properties of matter

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

335 Electricity, telegraphy, telephone, radio, etc. General works

.8 Periodicals
.9 Societies, etc.

336 X-ray. General works

.8 Periodicals
.9 Societies, etc.

337 Atomic energy. General works

.8 Periodicals
.9 Societies, etc.

340 Meteorology. General works

.1 Rain and rainfall, hydrology

.5 Evapotranspiration

.8 Periodicals
.9 Societies, etc.

MATHEMATICS
(Classes 345 - 349)

345 Mathematics, accounting, surveying. General works

.1 Instruments and machines

.2 Photographic surveying (Photogrammetry)

.8 Periodicals
.9 Societies, etc.

346 Statistics, methods, principles and theory. General works

.1 Probabilities

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

347 Algebra. General works

348 Sequential analysis. General works

349 Kinematics and dynamics. General works

377 Spectrography and spectroscopy, light, lens making, prisms. General works

.2 Ultra-violet spectrum

.8 Periodicals
.9 Societies, etc.

CHEMISTRY
(Classes 380 - 391)

380 Chemistry. General works

.01 Manuals and handbooks
.02 Reactions (solutions)

.1 Methods, microchemistry (includes chemical methods in stains and staining)

.14 Inorganic chemistry
.141 Nonmetals (gases, chemistry of air, etc.)
.142 Metals

.15 Physiological, biological, organic chemistry
.151 Fatty compounds
.152 Carbohydrates
.153 Aromatic compounds

.156 Other compounds

Other Sciences - Continued

380.16 Photochemistry (includes photodynamic action of light)

.2

.8 Periodicals
.9 Societies, etc.

381 Physical and theoretical chemistry. General works

.1 Chemical elements
.2 Thermochemistry
.3 Electrochemistry
.4 Radiation chemistry

.8 Periodicals
.9 Societies, etc.

382 Agricultural chemistry. General works

.8 Periodicals
.9 Societies, etc.

383 Dictionaries, encyclopedias, indexes, terminology

384

385 Crystallography. General works

386

387 Analytical chemistry. General works

.1 Qualitative (blowpipe, spectrum, optical, microscale, etc.)
.2 Quantitative (volumetric, colorimetric, electrolytic, etc.
.3 Technical (metals, alloys, etc.)

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

388 Chemical technology. General works

.2 Apparatus and supplies

.8 Periodicals
.9 Societies, etc.

389 Water. Analysis. General works

.8 Periodicals
.9 Societies, etc.

390 Fermentation. Enzymes. General works

.08 Periodicals
.09 Societies, etc.

.1 Alcohol and alcoholic liquors, brewing
.2 Yeasts

391 Toxicology. General works

.8 Periodicals
.9 Societies, etc.

GEOLOGY AND MINERALOGY
(Classes 398 - 408)

398 Mineralogy. General works

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

400 Geology. General works

.1 Agricultural geology

.4 Surveys. U. S. by states
.5 U. S. Government explorations and surveys
.6 Surveys. Foreign countries

.8 Periodicals
.9 Societies, etc.

401 Coal and oil, natural gas, coal gas, fuel, peat, petroleum. General works

.8 Periodicals
.9 Societies, etc.

402 Paleontology. General works

.1 Paleobotany

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

NATURAL HISTORY
(Classes 409 - 410)

409	Natural history. General works
.01	Races and nationalities
.7	Outdoor life, camping
.8	Periodicals
.9	Societies, etc.
410	Wildlife. General works
.8	Periodicals
.9	Societies, etc.

ZOOLOGY
(Classes 411 - 415)

411	Zoology. General works (includes laboratory and experimental techniques with animals)
.4	Animal ecology
.8	Periodicals
.9	Societies, etc.
412	Mammalia. General works
.6	Hunting and trapping
.8	Periodicals
.9	Societies, etc.
413	Ornithology. General works
.6	Hunting and trapping
.8	Periodicals
.9	Societies, etc.

Other Sciences - Continued

414 Fishes, marine animals. General works

.8 Periodicals
.9 Societies, etc.

415 Reptiles, turtles, frogs, lizards

ENTOMOLOGY
(Classes 418 - 439)

418 Entomology (includes economic entomology). General works

.01 Indexes
.02 Dictionaries, glossaries, etc.

.1 Food habits of insects

.6 Medical entomology

.8 Periodicals
.9 Societies, etc.

419 Insecticides, fungicides, algacides. General works

.8 Periodicals
.9 Societies, etc.

420 Spraying, dusting, fumigation. General works

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

424 Bee culture. General works

.8 Periodicals
.9 Societies, etc.

425 Insects, pests, parasites. General works

.8 Periodicals
.9 Societies, etc.

SYSTEMATIC ARRANGEMENTS OF INSECTS
(Classes 426 - 432)

426 Hymenoptera (sawflies, ants, wasps, bees). General works

427 Coleoptera (beetles). General works

.5 Strepsiptera

428 Diptera (mosquitoes, gnats, flies). General works

.5 Siphonaptera (fleas)

429 Orthoptera (cockroaches, crickets, grasshoppers, locusts). Dermaptera (earwigs). General works

430 Lepidoptera (butterflies, moths). General works

431 Hemiptera. Homoptera and Heteroptera. Bugs, 17-year locusts (cicada), plant lice (aphids), bed bugs. General works

.3 Mallophaga (biting lice). Anoplura (sucking lice)

.5 Phylloxera

.6 Coccidae (scale insects)

.7 Thysanoptera (thrips)

432 Neuroptera (lacewing flies, ant lions, etc.); Odonata (dragonflies); Isoptera (termites); Ephemerida (May flies); Plecoptera (stone flies); Trichoptera (caddis flies); Zoraptera; Corrodentia (psocids and book lice); Mecoptera (scorpion flies). General works

.5 Thysanura (bristletails or silverfish); Collembola (springtails)

Other Sciences - Continued

MISCELLANEOUS ORDERS OF ANIMALS, ETC.
(Classes 433 - 439)

433 Myriapoda. Chilopoda (centipedes); Diplopoda (millipedes). General works

434 Arachnida (spiders, ticks, mites, scorpions). General works

435 Crustacea (crawfish, lobsters, crabs, sowbugs, pillbugs, etc.). General works

436 Worms, animal parasites, nematodes, earthworms. General works

.8 Periodicals
.9 Societies, etc.

437 Mollusca. General works

.8 Periodicals
.9 Societies, etc.

438 Lower orders (above Protozoa)

439 Protozoa (includes Infusoria); Trichomonas

.8 Periodicals
.9 Societies, etc.

440 Microscopy. General works

.05 Microscopic equipment

.1 Microtome

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

442 Biology, embryology, cytology. General works

.001 Biometry, analysis, statistics

.003 Embryology of birds

.01 Limnology

.1 Microbiology
.2 Dictionaries, terminology
.3 Radiobiology, physiological biology

.8 Periodicals
.9 Societies, etc.

EVOLUTION, GENETICS, HEREDITY
(Classes 443 - 446)

443 Evolution, genetics, heredity. General works
.1 Human
.2 Animal
.3 General ecology
.4 Plant breeding

.42 Hybridization

.7 Population

.8 Periodicals
.9 Societies, etc.

446 Anthropology. General works

.8 Periodicals
.9 Societies, etc.

447 Human anatomy, physiology, histology. General works

.001 Comparative anatomy and physiology

.002 Maturation, ageing

Other Sciences - Continued

447.1 Metabolism, blood assimilation, respiration

.3 Hematology

.4 Eye and vision

.5 Glandular system

.8 Periodicals
.9 Societies, etc.

448 Medicine. General works

.001 Materia medica, drugs, pharmacology

.0011 Therapeutics

.002 Dictionaries, handbooks, encyclopedias, terminology

.004 Allergy

.005 Human parasitology

.006 Immunity and biological therapy

.007

.008 Laboratories and laboratory technique

.009 Human pathology, surgery

.01 Dietetics, nutrition and health

.1 Pregnancy, maternity, pediatrics

.2 Bacteriology

.28 Periodicals
.29 Societies, etc.

.5 Dentistry

.6 Psychiatry and diseases of the nervous system

.7 Gerontology, diseases of old age

.8 Periodicals
.9 Societies, etc.

Other Sciences - Continued

449 Hygiene. General works

.1 Public

.15 Rural

.2 Personal

.3 Disinfection

.7 Board of Health reports

.8 Periodicals
.9 Societies, etc.

BOTANY
(Classes 450 - 462)

450 Botany. General works

.8 Periodicals
.9 Societies, etc.

451

452 Treatises on characters and systematic relationship of plants; general systems; systematic and descriptive catalogues. General works

.011 Floras of the United States and Canada (includes insular possessions)

.013 Floras of South America

.014 Floras of Mexico, Central America, West Indies, Bermuda Island, Panama

.015 British Isles

.016 Europe

.017 Asia

.018 Oceania (Islands of the Pacific), Australia, New Zealand

.019 Africa

Other Sciences - Continued

452.04	Nomenclature, principles of classification, taxonomy
.1	Dictionaries and encyclopedias
.12	Terminology
.2	Prelinnean botany and Linnaean systems
.3	Economic botany, plant technology
.32	Medical botany (cultivation of drug plants in 71)
.33	Poisonous plants and plants causing disease in man and animals (except cryptogams in 461 - 462)
.4	Collected works, essays, addresses
.5	Lists of living plants in botanic gardens or private collections
.54	Exsiccatae (catalogs of herbaria; dried plants)
.6	History of botany
.7	Plants of the ancients; classical and biblical botany; literary and legendary associations of plants, including magic; poetry
.8	Periodicals
.9	Societies, etc.
453	Explorations. General works
461	Cryptogams. General works
.2	Ferns and fern allies
.21	
.22	
.3	Bryophyte
.31	Mosses
.32	Hepatics

Other Sciences - Continued

461.4 Algae
.41 Charophyta
.42 Diatomoceae

.5 Lichens

.8 Periodicals
.9 Societies, etc.

462 Fungi. General works

.02 Myxomycetes

.03 Phycomycetes (includes Chytridiaceae, Mucoraceae, Oomycetes, Peronosporaceae, Saproiegniaceae)

.04

.05 Ascomycetes (includes Ascobolaceae, Aspergillaceae, Discomycetes, Dothideaceae, Erysiphaceae, Hysteriaceae, Penicillium, Pezizaceae, Pyrenomycetes, Sphaeriaceae, Tuberaceae)

.06 Basidiomycetes

.062 Uredinales (Rusts); Gymnosporangium, Peridermium, Puccinia
.063 Ustilaginaceae (Smuts); Sphacelotheca, Tilletia, Ustilago
.064 Other

.07

.08 Fungi imperfecti (includes Cercospora, Fusarium, Moniliales, Oidium, Sphaeropsidales)

.09

.1

.2 Dictionaries, textbooks and treatises for identification of fungi

.3 Nomenclature, terminology, history, etc.

.4

.5 Edible and poisonous fungi

.51 As source of antibiotic and drugs

Other Sciences - Continued

462.6

.7 Fungi pathogenic to man and animals

.8 Periodicals
.9 Societies, etc.

BIOLOGICAL BOTANY
(Classes 463 - 464)

463 Biological botany. General works

.1 Laboratory technic, experimental botany, methods of plant preservation, laboratory manuals

.15

.2 Plant chemistry

.3 Plant physiology

.31 Pigment cell growth

.32 Transpiration, movements of fluids, osmosis

.34 Plant nutrition and nutritive processes (photosynthesis, metabolism, secretion, respiration)

.36 Growth, irritability, movement, response, germination (artificial means of promoting plant growth in 80.11)

.37 Reproduction, fertilization

.38 Periodicals
.39 Societies, etc.

.4 Plant anatomy, morphology, histology, and cytology
.41 Plant anatomy
.42 Plant morphology, embryology
.43 Plant histology and cytology
.45 Microscopic analysis
.46 Flowers, fruits, seeds (includes pollen, embryo, etc.)

.47 Buds, leaves, stems, roots
.48 Bark, wood, epidermal structures (trichomes, etc.), fibrovascular bundle

Other Sciences - Continued

463.5	Abnormal plant growth, plant teratology
.67	
.7	Plant ecology
.72	
.73	
.74	
.75	
.76	Insectivorous plants
.77	
.78	Symbiosis and parasitism
.8	Periodicals
.9	Societies, etc.
464	Phytopathology. General works
.02	Cereals and forage crops
.04	Vegetables and field crops
.044	Tobacco diseaseses
.05	
.06	Fruit trees
.07	Forest trees
.08	Ornamental plants
.09	Miscellaneous and special
.1	Fungous diseases of plants
.2	Bacterial diseases
.3	Miscellaneous diseases
.32	Virus disease
.35	Nematode diseases
.36	Weather injury
.38	

Other Sciences - Continued

464.4 Control: spraying, fumigation, soil sterilization, seed treatment, etc. (Control of special diseases goes with the disease)

.41 Disease resistance and immunity

.47 Inspection, quarantine

.48 Periodicals
.49 Societies, etc.

.8 Periodicals
.9 Societies, etc.

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(Classes 472 - 475)

472 Learned societies. General work

.8 Periodicals
.9 Societies, etc.

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